

TAKAHASHI et al

JUN 26 2003

Group Art Unit: 1765

Serial No. 09/936,818

Examiner: Song

Filed: September 18, 2001

Date: June 26, 2003

Title: CRYSTAL GROWTH METHOD, PRODUCTION METHOD OF SEMICONDUCTOR
MICROSTRUCTURE, SEMICONDUCTOR DEVICE AND SYSTEMCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE/AMENDMENT/LETTER

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

☐ **Correspondence Address Indication Form Attached.****Fees are attached as calculated below:**

Total effective claims after amendment 113 minus highest number
previously paid for 113 (at least 20) = 0 x \$ 18.00 \$ 0.00

Independent claims after amendment 4 minus highest number
previously paid for 4 (at least 3) = 0 x \$ 84.00 \$ 0.00

If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper) \$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this
paper and attachment(s) (\$110.00/1 month; \$410.00/2 months; \$930.00/3 months) \$ 110.00

Terminal disclaimer enclosed, add \$ 110.00 \$ 0.00

☐ First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$750.00) \$ 0.00

☐ Please enter the previously unentered, filed

☐ Submission attached

Subtotal \$ 110.00

If "small entity," then enter half (1/2) of subtotal and subtract -\$ 0.00

☐ Applicant claims "small entity" status. ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$180.00) \$ 0.00

Assignment Recording Fee (\$40.00) \$ 0.00

Other: 0.00

TOTAL FEE ENCLOSED \$ 110.00

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

1100 North Glebe Road, 8th Floor
Arlington, Virginia 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100
JAR:ap

NIXON & VANDERHYE P.C.

By Atty: Joseph A. Rhoads, Reg. No. 37,515

Signature: 

06/30/2003 BABRAHA1 00000091 09936818

01 FC:1251

110.00 OP



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

TAKAHASHI et al

Serial No. 09/936,818

Filed: September 18, 2001

For: CRYSTAL GROWTH METHOD, PRODUCTION METHOD OF
SEMICONDUCTOR MICROSTRUCTURE, SEMICONDUCTOR DEVICE AND
SYSTEM

Atty. Ref.: 829-585

Group: 1765

Examiner: Song

RECEIVED
JUN 30 2003
GROUP 1700

#11/B
Jeda
6/30/03

* * * * *

June 26, 2003

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT

Responsive to the Official Action dated February 26, 2003 (for which petition is hereby made for a one month extension of time), please amend the above-identified application as follows:

IN THE CLAIMS

Please substitute the following amended claim(s) for corresponding claim(s) previously presented. A copy of the amended claim(s) showing current revisions is attached.

29. (Amended) A crystal growth method for adding or crystallizing nitrogen in a crystal supported by a substrate, comprising:

supplying aluminum and ammonium (NH₃) to a surface of the crystal,

B1